THE SHOPPING APP

**Report**

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Abstract

***The business-to-consumer aspect of product commerce (e-commerce) is the most visible business use of the World Wide Web. The primary goal of an e-commerce site is to sell goods online.***

***This project deals with developing an e-commerce website for Online Product Sale. It provides the user with a catalog of different product available for purchase in the store. In order to facilitate online purchase a shopping cart is provided to the user. The system is implemented using a 3-tier approach, with a backend database, a middle tier of***

***These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as HTML5, relational databases (such as MySQL). This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application.***

# INTRODUCTION

*E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing web sites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace.*

*The objective of this project is to develop a general purpose e-commerce store where any kind of product can be bought from the comfort of home through the Internet. However, for implementation purposes, this paper will deal with an online shopping for baby product*

An online store is a virtual store on the Internet where customers can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. At that time, more information will be needed to complete the transaction. Usually, the customer will be asked to fill or select a billing address, a shipping address, a shipping option, and payment information such as bKash, or Cash on Delivery. An e-mail notification is sent to the customer as soon as the order is placed.

**What is E-Commerce**

* Commonly known as Electronic Marketing.
* “It consist of buying and selling goods and services over an electronic systems Such as the internet and other computer networks.”

**SYSTEM**

* Our System is an e-commerce website from where people can buy products online.
* Admin monitors the activity of the users and checks the transactions.

# PROJECT DESCRIPTION

* Only registered member can purchase multiple products regardless of quantity.
* Home Page Consists of products.
* Login Page (Username, Password, Forgot Password).
* Cart Page consists of number of products customers chosen.

**DETAILS**

* User can view and purchase products.
* Operator can excess add option and can view everything of admin panel.
* An Admin has some extra privilege including all privilege of visitor and user.
* Operator can add product, edit product, update and remove product.
* Can access users some information.
* Admin can add products, edit product information and add/remove product.
* Admin can add user, edit user information and can remove user.

**DESIGN AND DEVELOPMENT ENVIRONMENT**

* HTML5
* CSS3
* MySQL
* Angular JS

**FEATURES**

* Login
* Category List
* Product List
* Product Price
* Shopping Cart

**LANGUAGES**

* HTML
* CSS
* MySQL

**TOOLS**

* Angular
* SQL Server

**ADVANTAGES OF E-COMMERCE**

* Faster buying/selling procedure, as well as easy to find products.
* Buying/selling 24/7.
* More reach to customers, there is no theoretical geographic limitations.
* Low operational costs and better quality of services.
* No need of physical company set-ups.
* Easy to start and manage a business.

**DISADVANTAGES OF E-COMMERCE**

* Unable to examine products personally
* Not everyone is connected to the Internet
* There is the possibility of credit card number theft
* Mechanical failures can cause unpredictable effects on the total processes.

**LOGIN PAGE**

**A picture containing kitchen

Description automatically generated**

**HOME PAGE**

**A screenshot of a cell phone

Description automatically generated**

**SINGLE PRODUCT**

**A screenshot of a computer

Description automatically generated**

**Customer Cart**

**A screenshot of a cell phone

Description automatically generated**

**Checkout page**

**A screenshot of a cell phone

Description automatically generated**

**NON-FUNCTIONAL / OPERATIONAL REQUIREMENTS**

* **Security**

 Pages of the website must be access in the way they were included files shall not be accessed outside of their parent file.

 Administrator can only perform administrative task on pages they are privileged to access. Customers will not be allowed to access the administrator pages.

* **Efficiency and Maintainability**

 Page loads should be returned and formatted in a timely fashion depending on the request being made.

 Administrators will have the ability to edit the aspects of the order forms, product descriptions, prices and website directly

**CONCLUSION:**

The Internet has become a major resource in modern business, thus electronic shopping has gained significance not only from the entrepreneur’s but also from the customer’s point of view. For the entrepreneur, electronic shopping generates new business opportunities and for the customer, it makes comparative shopping possible.

As per a survey, most consumers of online stores are impulsive and usually make a decision to stay on a site within the first few seconds. “Website design is like a shop interior. If the shop looks poor or like hundreds of other shops the customer is most likely to skip to the other site.

Hence we have designed the project to provide the user with easy navigation, retrieval of data and necessary feedback as much as possible. In this project, the user is provided with an e-commerce web site that can be used to buy all types baby products online.

**REFERENCES:**

<http://www.w3schools.com/>

<https://codehs.com/>

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